EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

2.   The drawing filed 07/21/2003 is accepted.

3.   Authorization for this examiner's amendment was given in a telephone interview

with Mr. Jon Powers, Reg. No. 43,868 on 02/23/2010.

4.   The claims had been amended as the follow:

1.   (Currently Amended) A method of scheduling a plurality of periodic

events, wherein each periodic event has an associated periodic interval of time and an

associated set of services, the method comprising:

configuring at least one of the set of services associated with that periodic event

in a burst mode in which the service is enabled for execution a predetermined number

of times and then is disabled;

determining when one of the plurality of periodic events occurs;

determining, for each of the set of services associated with that periodic event, if

that service is enabled for execution; and

distributing the execution of the services associated with that periodic event that

are enabled throughout a next periodic interval of time associated with that periodic

event following the occurrence of that periodic event.

2.   (Original) The method of claim 1, wherein one of the periodic events

occurs when a periodic interval of time associated with that periodic event elapses.

3.   (Previously Presented) The method of claim 1, further comprising

configuring at least one of the set of services associated with that periodic event in a

one-shot mode in which the service is enabled for execution one time and then is

disabled.

4.   (Cancelled)

5.   (Currently Amended) The method of claim 1, further comprising

configuring at least one of the set of services associated with that periodic event in a

continuous mode in which the service is enabled and executed continuously.

6-7.   (Cancelled).

8.   (Previously Presented) The method of claim 1, wherein distributing the execution of the enabled services includes executing successive enabled services on successive clock ticks following the clock tick on which that periodic event occurred.

9.   (Previously Presented) A system comprising:

a programmable processor to execute software; and

a clock communicatively coupled to the programmable processor; and

wherein the software executed by the programmable processor comprises:

a periodic event scheduler that schedules a plurality of periodic events, wherein each periodic event has an associated periodic interval of time and an associated set of services;

a tick generator that generates interrupts in response to clock ticks; and

an interrupt handler that receives the interrupts from the tick generator and executes the periodic event scheduler in response to the interrupt;

wherein the periodic event scheduler:

configures at least one of the set of services associated with that periodic event in a burst mode in which the service is enabled for execution a predetermined number of times and then is disabled;

determines when one of the plurality of periodic events occurs; and

determines, for each of the set of services associated with that periodic event, if that service is enabled for execution;

distributes the execution of the enabled services associated with that

periodic event throughout a next periodic interval of time associated with that periodic

event following the occurrence of that periodic event.

10.   (Original) The system of claim 9, wherein one of the periodic events

occurs when a periodic interval of time associated with that periodic event elapses.

11.   (Previously Presented) The system of claim 9, wherein the periodic event

scheduler is operable to configure at least one of the set of services associated with that

periodic event in a one-shot mode in which the service is enabled for execution one

time and then is disabled.

12.   (Cancelled)

13.   (Currently Amended)   The system of claim 9, wherein the periodic event

scheduler is operable to configure at least one of the set of services associated with that

periodic event in a continuous mode in which the service is enabled and executed

continuously.

14-15. (Canceled).

16.   (Previously Presented) The system of claim 9, wherein the periodic event
scheduler distributes the execution of the enabled services by executing successive
enabled services on successive clock ticks following the clock tick on which that
periodic event occurred.

17.   (Currently Amended) A telecommunication device comprising:

an interface that couples the telecommunication device to a communication
medium;

a tick generator that generates interrupts in response to clock ticks; and

control logic coupled to the interface that:

configures at least one of the set of services associated with that periodic
event in a burst mode in which the service is enabled for execution a predetermined
number of times and then is disabled;

determines when one of a plurality of periodic events occurs, wherein
each periodic event has an associated periodic interval of time and an associated set of
services;

determines, for each of the set of services associated with that periodic
event, if that service is enabled for execution; and

distributes the execution of the enabled services associated with that
periodic event throughout a next periodic interval of time associated with that periodic
event following the occurrence of that periodic event.

18.   (Original) The telecommunications device of claim 17, wherein one of the

periodic events occurs when a periodic interval of time associated with that periodic

event elapses.

19.   (Previously Presented) The telecommunications device of claim 17,

wherein the control logic is operable to configure at least one of the set of services

associated with that periodic event in a one-shot mode in which the service is enabled

for execution one time and then is disabled.

20.   (Cancelled)

21.   (Currently Amended)   The telecommunications device of claim [[20]] 17,

wherein the control logic is operable to configure at least one of the set of services

associated with that periodic event in a continuous mode in which the service is enabled

and executed continuously.

22.   (Canceled).

23.   (Previously Presented) The telecommunications device of claim 17,

wherein the periodic event scheduler distributes the execution of the enabled services

by executing successive enabled services on successive clock ticks following the clock

tick on which that periodic event occurred.

5.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Jennifer N. To whose telephone number is (571) 272-

7212. The examiner can normally be reached on M-T 6AM- 3:30 PM, F 6AM- 2:30 PM.

6.   If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Meng-Ai An can be reached on (571) 272-3756. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

7.   Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

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